

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	746	(715/517).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/04/05 11:20
L2	1077	(715/530).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/04/05 11:20
L3	93	(715/521).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/04/05 11:20
L4	156	(715/527).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/04/05 11:20
L5	135	(715/529).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/04/05 13:03
L6	1	("6499043").PN.	US-PGPUB; USPAT	OR	OFF	2006/04/05 13:06
L7	1	6 and heading	US-PGPUB; USPAT	OR	ON	2006/04/05 13:07
L9	219	draw\$4 with stair\$case	US-PGPUB; USPAT	OR	ON	2006/04/05 13:49
L10	88	format\$4 with stair\$case	US-PGPUB; USPAT	OR	ON	2006/04/05 13:49
L11	12	L9 and L10	US-PGPUB; USPAT	OR	ON	2006/04/05 13:49
L12	72	character with stair\$case	US-PGPUB; USPAT	OR	ON	2006/04/05 13:49
L13	7	L9 and L12	US-PGPUB; USPAT	OR	ON	2006/04/05 13:49
L14	4	L13 not L11	US-PGPUB; USPAT	OR	ON	2006/04/05 13:49

## EAST Search History

L15	48	((("4984162") or ("4608662") or ("6178431") or ("5633996") or ("4123087") or ("5001654") or ("4244031") or ("5914714") or ("6187405") or ("4451900") or ("5699453") or ("5751283") or ("5495561") or ("5867678") or ("5263132") or ("RE36704") or ("5950216") or ("4996665") or ("4491933") or ("4558461") or ("6101733") or ("4815029") or ("6326962") or ("4974194") or ("6334145") or ("6438509") or ("5202828") or ("5341293") or ("5898434") or ("4495490") or ("3654609") or ("4447888") or ("4891771") or ("5290190") or ("5546521") or ("5655130") or ("6046740") or ("6714214") or ("5841959") or ("5909684") or ("4477103") or ("4506343") or ("4893953") or ("6226419") or ("6226419") or ("6243721") or ("6278455") or ("6313854") or ("5644739") or ("6646545").pn.))). PN.	US-PGPUB; USPAT	OR	OFF	2006/04/05 13:49
L16	25	L15 and heading	US-PGPUB; USPAT	OR	ON	2006/04/05 13:49
L17	219	stair\$case with draw\$4	US-PGPUB; USPAT	OR	ON	2006/04/05 13:49
L18	57	17 and head\$4	US-PGPUB; USPAT	OR	ON	2006/04/05 13:49

	Document ID	Issue Date	Title	Current OR
1	US 20050275626 A1	20051215	Entertainment lighting system	345/156
2	US 20050131645 A1	20050616	Machine having automatic transport with scanning and GPS functions	701/214
3	US 20050131581 A1	20050616	Environment recognizing device, environment recognizing method, route planning device, route planning method and robot	700/245
4	US 20050116667 A1	20050602	Tile lighting methods and systems	315/312
5	US 20050034068 A1	20050210	System and method for editing an electronic document of text and graphic objects	715/517
6	US 20050018584 A1	20050127	Optical recording and pickup head for digital versatile disc compatible with read-writable compact disc by adopting flat plate lens having staircase type diffraction grating structure	369/112.08
7	US 20050017599 A1	20050127	Apparatus, circuitry, signals and methods for cleaning and/or processing with sound	310/317
8	US 20040160199 A1	20040819	Controlled lighting methods and apparatus	315/312
9	US 20040060000 A1	20040325	Method for formatting text by hand drawn inputs	715/502
10	US 20040056875 A1	20040325	Methods for recursive spacing and touch transparency of onscreen objects	715/700
11	US 20040027381 A1	20040212	Method for formatting text by hand drawn inputs	715/764

	Document ID	Issue Date	Title	Current OR
12	US 20030057887 A1	20030327	Systems and methods of controlling light systems	315/291
13	US 20030028287 A1	20030206	Apparatus, circuitry and methods for cleaning and/or processing with sound waves	700/266
14	US 20030021215 A1	20030130	Optical recording and pickup head for digital versatile disc compatible with read-writable compact disc by adopting flat plate lens having staircase type diffraction grating structure	369/112.08
15	US 20020009223 A1	20020124	Computer automated process for analysing and interpreting engineering drawings	382/154
16	US 20010021806 A1	20010913	System and method for fusing three-dimensional shape data on distorted images without correcting for distortion	600/425
17	US 7016291 B2	20060321	Optical recording and pickup head for digital versatile disc compatible with read-writable compact disc by adopting flat plate lens having staircase type diffraction grating structure	369/112.13
18	US 6941000 B2	20050906	Computer automated process for analyzing and interpreting engineering drawings	382/113
19	US 6822372 B2	20041123	Apparatus, circuitry and methods for cleaning and/or processing with sound waves	310/317

	Document ID	Issue Date	Title	Current OR
20	US 6765857 B2	20040720	Optical recording and pickup head for digital versatile disc compatible with read-writable compact disc by adopting flat plate lens having staircase type diffraction grating structure	369/112.06
21	US 6747646 B2	20040608	System and method for fusing three-dimensional shape data on distorted images without correcting for distortion	345/426
22	US 6590852 B1	20030708	Massively-parallel writing and reading of information within the three-dimensional volume of an optical disk, particularly by use of a doubly-telecentric afocal imaging system	369/112.23
23	US 6449237 B1	20020910	Optical recording and pickup head for digital versatile disc compatible with read-writable compact disc by adopting flat plate lens having staircase type diffraction grating structure	369/112.05
24	US 6415171 B1	20020702	System and method for fusing three-dimensional shape data on distorted images without correcting for distortion	600/407
25	US 5983580 A	19991116	Stair frame	52/187
26	US 5475954 A	19951219	Modular support element adapted to form a support for a tread of a staircase	52/183

	Document ID	Issue Date	Title	Current OR
27	US 5366667 A	19941122	Trickling film gas-liquid contactor and use	261/153
28	US 5347774 A	19940920	Methods of manufacturing curved staircases and staircases produced	52/182
29	US 5220177 A	19930615	Method and apparatus for edge detection and location	250/548
30	US 5163491 A	19921117	Methods of manufacturing curved staircases and staircases produced	144/353
31	US 5085020 A	19920204	Portable, assemblable-disassemblable staircase	52/183
32	US 5042222 A	19910827	Method and apparatus for the transfer of building materials	52/749.1
33	US 5017919 A	19910521	Digital-to-analog converter with bit weight segmented arrays	341/136
34	US 4882846 A	19891128	Stair building template and method of use	33/464
35	US 4869035 A	19890926	Non-linear stair	52/187
36	US 4798030 A	19890117	Modular support for staircase steps	52/188
37	US 4676342 A	19870630	Trestle ladder	182/201
38	US 4619084 A	19861028	Articulating, self-supporting staircase	52/182
39	US 4497490 A	19850205	Board game affording competitive challenge among players	273/249
40	US 4369875 A	19830125	Apparatus for isolation and supply of objects, in particular sweets, to a packing machine	198/456
41	US 4367864 A	19830111	Newel post assembly	256/59
42	US 4340065 A	19820720	Method and apparatus for displaying electrocardiogram signals	600/525

	Document ID	Issue Date	Title	Current OR
43	US 4322927 A	19820406	Method of making staircases and staircase made thereby	52/188
44	US 4295638 A	19811020	Newal post assembly	256/59
45	US 4286508 A	19810901	Combination staircase and attic fan means	454/354
46	US 4109642 A	19780829	Apparatus for ultrasonic arteriography	600/457
47	US 4098036 A	19780704	Elevated train station	52/16
48	US 4097901 A	19780627	Lag reduction in image transducers having dynamically shaped rasters	348/328
49	US 4073099 A	19780214	Roofing of buildings	52/69
50	US 4041662 A	19770816	Staircases	52/187
51	US 3916591 A	19751104	Spindle staircase	52/187
52	US 3883305 A	19750513	Automatic chemical analysis apparatus	422/65
53	US 3878918 A	19750422	ADJUSTABLE LADDER	182/202
54	US 3823910 A	19740716	STAIRCASE MOLD ASSEMBLY	249/14
55	US 3626513 A	19711207	TOOL GUIDE	408/115R
56	US 3602499 A	19710831	SEA ANIMATION APPARATUS INCLUDING ECCENTRICALLY MOVING SEATS AND SCENE PROJECTIONS	472/60
57	US 3585769 A	19710622	SPIRAL OR WINDING STAIRCASE WITH WOODEN STEPS AND METAL NEWEL	52/187